

Recovery Plan Action Status

Plan Name: South Florida Multi-Species Recovery Plan (68 spp.)

Plan Status: Final

Plan Date: 18-May-99

Lead Agency: USFWS

Lead Office: South Florida Ecological Services Field Office

(562-3909)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Beach jacquemontia (Jacquemontia reclinata)	2	jare-h1.1.1	Prevent direct destruction of beach jacquemontia (Jacquemontia reclinata) habitat by establishing setbacks from the primary dune.	Not Started			Local Governments, Florida Department of Environmental Protection, South Florida counties	Other: Regulations	Labor type not yet selected	Cost included in planning agency's budget. Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	2	jare-h1.1.2	Prevent or eliminate human disturbance to dunes.	Ongoing Current	Prior to FY 1995		Local Governments, Florida Department of Environmental Protection, South Florida counties	Other: Law Enforcement, Other: Regulations	Labor type not yet selected	Action lead(s): FDEP, counties, local government
Beach jacquemontia (Jacquemontia reclinata)	2	jare-h1.1.3	Enforce regulations prohibiting use of motor or man-powered vehicles on beaches and dune habitat.	Ongoing Current	Prior to FY 1995		Local Governments, Florida Department of Environmental Protection, South Florida counties, Florida Department of Agriculture and Consumer Services/Division of Plant Industry	Other: Law Enforcement	Labor type not yet selected	Action lead(s): FWS, FDEP, counties, local government
Beach jacquemontia (Jacquemontia reclinata)	1	jare-h1.2	Extirpate or control exotic plants.	Ongoing Current	Prior to FY 1995		Local Governments, Florida Department of Environmental Protection, South Florida counties	Management: Predator and Competitor Control	Labor type not yet selected	Cost is per acre (ex. 3.0/acre); Total cost dependent upon number of acres infested with exotics. Action lead(s): FDEP, counties, local government
Beach jacquemontia (Jacquemontia reclinata)	1	jare-h2.0	Restore beach dune habitat.	Ongoing Current	Prior to FY 1995		Local Governments, Florida Department of Environmental Protection, South Florida counties	Management: Habitat Maintenance and Manipulation	Labor type not yet selected	Cost is per acre (ex. 20.0/acre); Total cost dependent upon number of acres restored. Action lead(s): FDEP, counties, local government

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Beach jacquemontia (Jacquemontia reclinata)	2	jare-h3.0	Conduct habitat-level research projects.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations, Public and private universities	Research: Habitat Requirements	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-h4.0	Monitor habitat and ecological processes.	Ongoing Current	FY 1995 - FY 1999		Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties	Research: Habitat Requirements	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	3	jare-h5.0	Provide public information about coastal ecosystems.	Ongoing Current	Prior to FY 1995		Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties	Other: Information and Education	Labor type not yet selected	Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s1.1	Conduct surveys to determine the status of known populations.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations	Research: Population Surveys	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s1.2	Survey for additional populations in Palm Beach, Broward, and Dade Counties.	Ongoing Not Current	FY 1995 - FY 1999		Non-governmental organizations	Research: Population Surveys	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s1.3	Maintain distribution data in a GIS database.	Ongoing Current	FY 1995 - FY 1999		Florida Department of Environmental Protection, Non-governmental organizations, Florida Natural Areas Inventory, South Florida counties	Research: Population Surveys	Labor type not yet selected	Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	1	jare-s2.1	Protect any existing populations on private land through acquisition, conservation easements, or agreements with landowners.	Ongoing Current	Prior to FY 1995		Florida Department of Environmental Protection, Non-governmental organizations	Acquisition: General	Labor type not yet selected	Cost dependent upon specific site and amount of land acquired. Action lead(s): FWS

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Beach jacquemontia (Jacquemontia reclinata)	1	jare-s2.2	Inform State, county, and city agencies of jare presence on public lands and provide information on conservation methods and management practices for these populations.	Ongoing Not Current	FY 1995 - FY 1999		Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, Florida Natural Areas Inventory, Florida Department of Agriculture and Consumer Services, South Florida counties	Management: Planning, Other: Information and Education	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	3	jare-s2.3.1	Establish protocols for restoration of jare.	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	Non-governmental organizations	Research: Reintroduction	Contract, Species Expert	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	3	jare-s2.3.2	Locate potential (re)introduction sites for jare within historic range.	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	Non-governmental organizations	Research: Reintroduction	Contract, Species Expert	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	1	jare-s2.3.3	(Re)introduce jare to protected sites.	Ongoing Current	FY 2000 - FY 2004		Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties	Management: Reintroduction	Contract, Species Expert	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	1	jare-s2.3.4	Reestablish plants as part of dune restoration efforts.	Ongoing Current	FY 2000 - FY 2004		Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties, Public and private universities	Management: Reintroduction	Contract, Species Expert	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	1	jare-s2.4.1	Send jare seeds to seed bank for long term storage.	Ongoing Current	FY 1995 - FY 1999		U.S. Department of Agriculture, Non-governmental organizations	Management: Propagation	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s2.4.2	Continue jare propagation and development of successful horticultural methods.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations	Research: Propagation	Labor type not yet selected	Action lead(s): NGO

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Beach jacquemontia (Jacquemontia reclinata)	1	jare-s2.4.3	Establish and maintain ex situ collection.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations	Management: Propagation	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s2.5.1	Initiate section 7 consultation when applicable.	Ongoing Current	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Department of Agriculture, U.S. Geological Survey, Biological Resources Division, U.S. Federal Emergency Management Agency, U.S. Geological Survey, U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, Natural Resources Conservation Service, United States Coast Guard, U.S. Air Force, US Forest Service	Other: Regulations	Labor type not yet selected	Cost included in standard operating procedures of Federal agency's budget. Action lead(s): All Federal agencies
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s2.5.2	Enforce take and trade prohibitions.	Ongoing Current	Prior to FY 1995		Florida Department of Agriculture and Consumer Services/Division of Plant Industry	Other: Law Enforcement	Labor type not yet selected	Cost dependent upon specific situation. Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s3.1	Continue research to determine demographic information.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations, Public and private universities	Research: Demographic Studies	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s3.2	Conduct population viability and risk assessment analysis.	Complete	FY 2000 - FY 2004	FY 2007	Non-governmental organizations, Fairchild Tropical Garden	Research: Population Assessment	Contract, Species Expert	At least 2 years of data needed for population viability analysis. Fairchild completed the PVA as reported in quarterly report from March 15, 2007. Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	1	jare-s3.3	Conduct research to assess management requirements of jare.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations	Research: Management Techniques	Labor type not yet selected	Action lead(s): NGO

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Beach jacquemontia (Jacquemontia reclinata)	1	jare-s3.4	Determine response to habitat changes and management manipulations.	Not Started			Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties, Public and private universities	Research: Management Techniques	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s3.5	Develop a quantitative description of the population structure of jare.	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	Non-governmental organizations	Research: Population Assessment	Contract, Species Expert	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s3.6	Conduct population viability and risk assessment analysis.	Complete	FY 2000 - FY 2004	FY 2007	Non-governmental organizations	Research: Population Assessment	Contract, Species Expert	Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s4.1.1	Develop a monitoring protocol to assess population trends.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations, Public and private universities	Research: Population Assessment	Labor type not yet selected	Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	2	jare-s4.1.2	Monitor to detect changes in demographic characteristics.	Ongoing Current	FY 1995 - FY 1999		Non-governmental organizations, Public and private universities	Research: Demographic Studies	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	1	jare-s4.1.3	Monitor the effects of land management activities.	Not Started			Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties	Research: Management Techniques	Labor type not yet selected	Action lead(s): NGO
Beach jacquemontia (Jacquemontia reclinata)	3	jare-s4.1.4	Monitor introduced plants.	Ongoing Current	FY 2000 - FY 2004		Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, South Florida counties	Research: Reintroduction	Labor type not yet selected	Action lead(s): NGO

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Beach jacquemontia (Jacquemontia reclinata)	1	jare-s4.2	Assess management requirements.	Not Started			Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, Florida Natural Areas Inventory, South Florida counties, Florida Department of Agriculture and Consumer Services/Division of Plant Industry, Public and private universities	Research: Management Techniques	Labor type not yet selected	Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	3	jare-s5.0	Provide public awareness about additional threats to jare.	Ongoing Current	Prior to FY 1995		Local Governments, Florida Department of Environmental Protection, South Florida counties, Public and private universities	Other: Information and Education	Labor type not yet selected	Action lead(s): FWS
Beach jacquemontia (Jacquemontia reclinata)	3	jare-s6.0	Refine delisting criteria once reclassification is achieved and adequate research and monitoring data are available to develop these criteria.	Not Started			Non-governmental organizations, Florida Department of Agriculture and Consumer Services/Division of Plant Industry, Public and private universities	Other: Administration	Labor type not yet selected	Action lead(s): FWS